

Do Not
enter
VBS
5/2/2005

Applicant: Ilya Trakht
Serial No.: 09/767,578
Filed: January 23, 2001
Page 2

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1-28. (Canceled)

29. (Currently Amended) A method of producing a monoclonal antibody comprising:

- (a) forming a tetroma cell by fusing a lymphoid cell capable of producing antibody with a trioma cell which does not produce any antibody, wherein the trioma cell is obtained by fusing a heteromyeloma cell which does not produce any antibody with a human lymphoid cell, wherein the heteromyeloma cell is obtained by fusing a human antibody-nonproducing myeloma cell with a mouse antibody-nonproducing myeloma cell; and
- (b) incubating the tetroma cell formed in step (a) under conditions permissive to the production of antibody by the tetroma cell, thereby producing the monoclonal antibody.

30. (Currently Amended) A method of producing a monoclonal antibody specific for an antigen associated with a condition in a subject comprising:

- (a) forming a tetroma cell by fusing a lymphoid cell capable of producing antibody with a trioma cell which does not produce any antibody, wherein the trioma cell is obtained by fusing a heteromyeloma cell which does not produce any antibody with a human lymphoid cell, wherein the heteromyeloma cell is obtained by fusing a human antibody-nonproducing myeloma cell with a mouse antibody-